ARDC Review and Update

Staff and Volunteer Updates

AMATEUR RADIO DIGITAL COMMUNICATIONS

New Staff

Chelsea Párraga– *KF0VYJ*
Grants Manager

Dan Romanchik – *KB6NU*
Communications Manager

John Hays – *K7VE*
Outreach Manager

Merideth Stroh–
KK7BKI
Administrative
Coordinator

AMATEUR RADIO DIGITAL COMMUNICATIONS

New Staff

Bdale Garbee – *KB0G*
Treasurer, Accounting
Director (Temporary)

AMATEUR RADIO DIGITAL COMMUNICATIONS

2021 GAC & TAC

Grants Advisory Committee	Technical Advisory Committee
Chair: John Hays – K7VE Dewayne Hendricks – WA8DZP Douglas Kingston – KD7DK Hank Magnuski – KA6M Steve Stroh – N8GNJ Bob Witte – K0NR Renzo Rossi – IW0SAB	**Chair:** Jann Traschewski – DG8NGN Pierre Martel – VE2PF Tim Požár – KC6GNJ Adam Lewis – KC7GDY Antonios Chariton – SV2OIY Caleb Pal – KD7KAB

A R | D C
AMATEUR RADIO DIGITAL COMMUNICATIONS

2022 GAC & TAC

Grants Advisory Committee

Chair: Bob Witte – K0NR
Dewayne Hendricks – WA8DZP
Douglas Kingston – KD7DK
Hank Magnuski – KA6M
Steve Stroh – N8GNJ
Brian Mileshosky – N5ZGT
Leandro Indrusiak – 2E1LSI
Randy Neals – W3RWN
Don Prosnitz – N6PRZ
Dave Pascoe – KM3T

Staff Lead: John Hays – K7VE

Technical Advisory Committee

Chair: Pierre Martel – VE2PF
Tim Požár – KC6GNJ
Adam Lewis – KC7GDY
Antonios Chariton – SV2OIY
Caleb Pal – KD7KAB
Zachary Seguin – VA3ZTS
Rob Janssen – PE1CHL
Paul (Chip) Eckardt – W9OQI

Staff Lead: Rosy Schechter - KJ7RYV

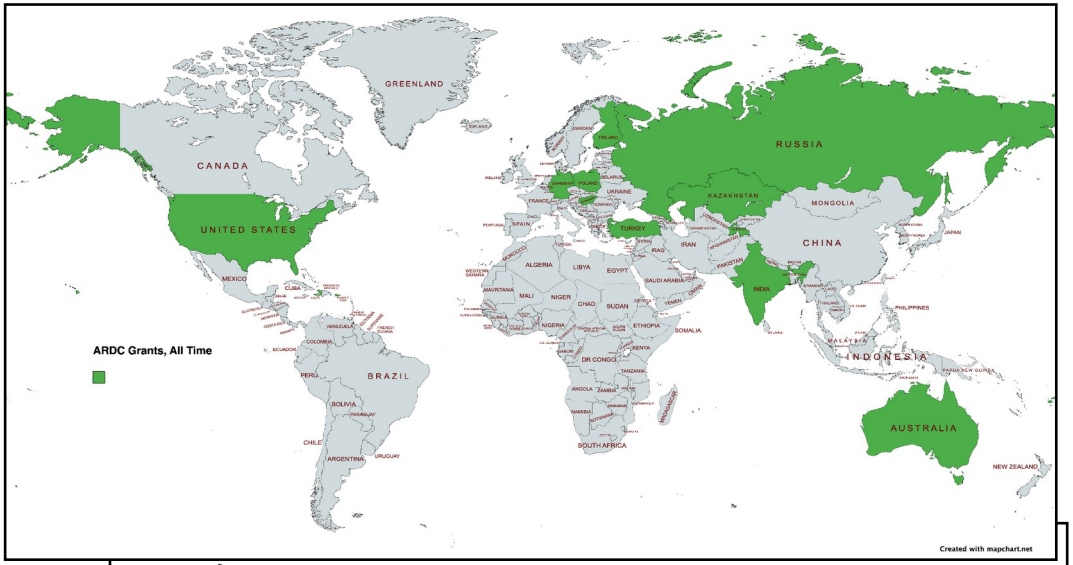
Community Ambassador: Jann Traschewski - DG8NGN

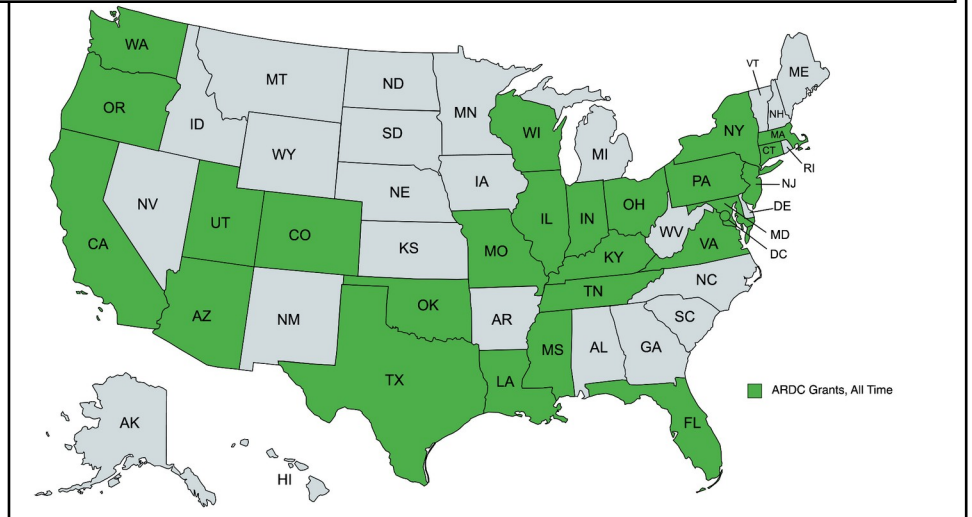
AMATEUR RADIO DIGITAL COMMUNICATIONS

2021 Recap

AMATEUR RADIO DIGITAL COMMUNICATIONS

Grants & Gifts





Number of people directly impacted (all time): **55,682**

People

Grants made in 2021: **61**

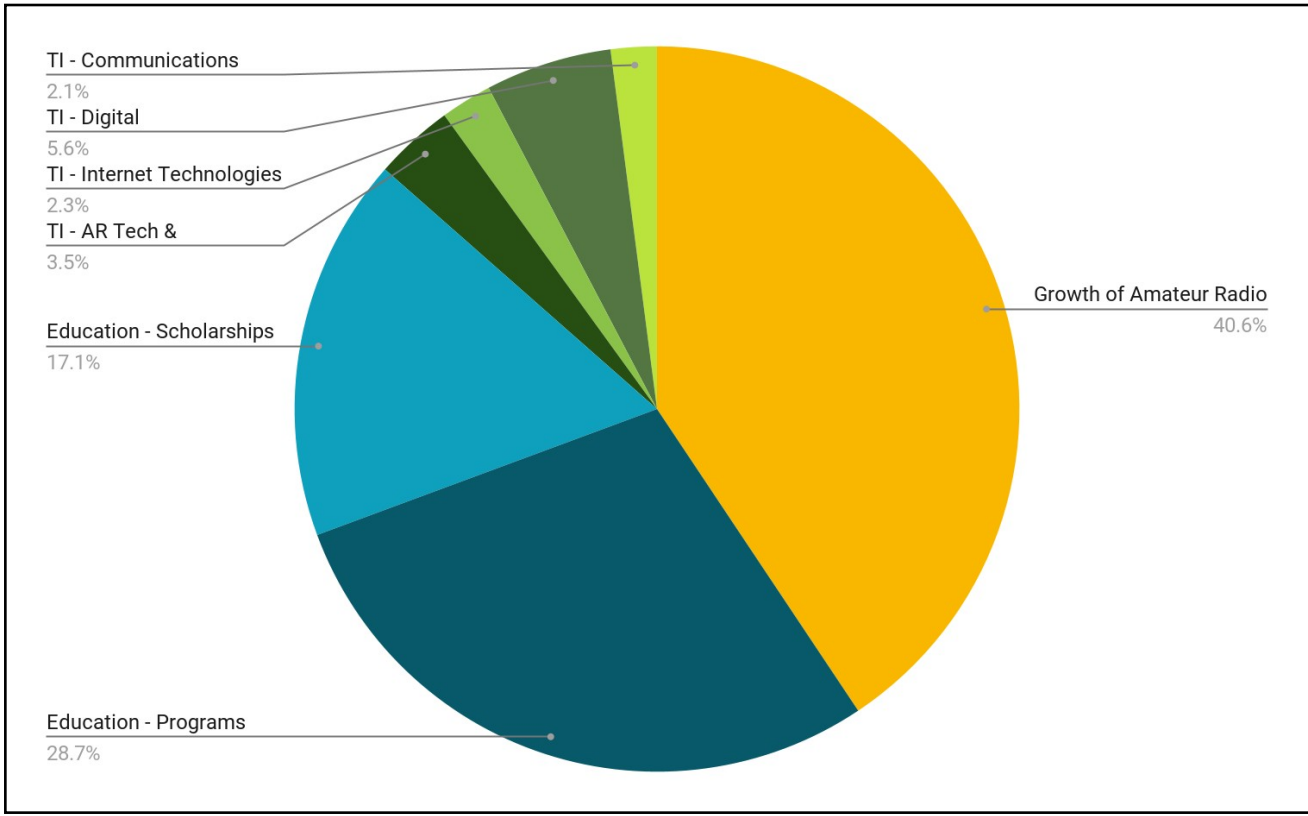
Grants

Dollars distributed in 2021:

$9,049,179

Grants by category

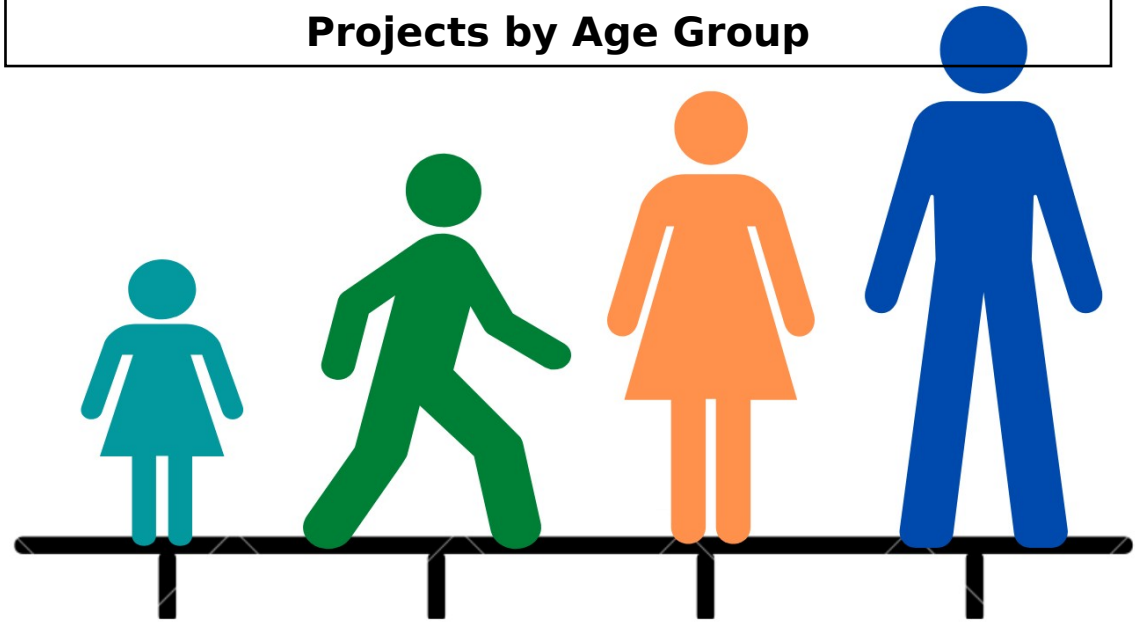
Category	Dollars	#
Growth of Amateur Radio	$3,668,640	29
Education - Programs	$2,593,403	17
Education - Scholarships	$1,546,686	5
TI - Amateur Radio Technology & Experimentation	$319,053	2



Education Impacts

- 2021 Scholarships will ~98 students
- Education programs wi at least 51,127 people
- Popular education topi space, engineering, co programming, and ama radio
- Popular education met include hands on activi mentorship programs, games
- 68% of these programs underrepresented grou amateur radio, with the commonly affected gro young women

Projects by Age Group

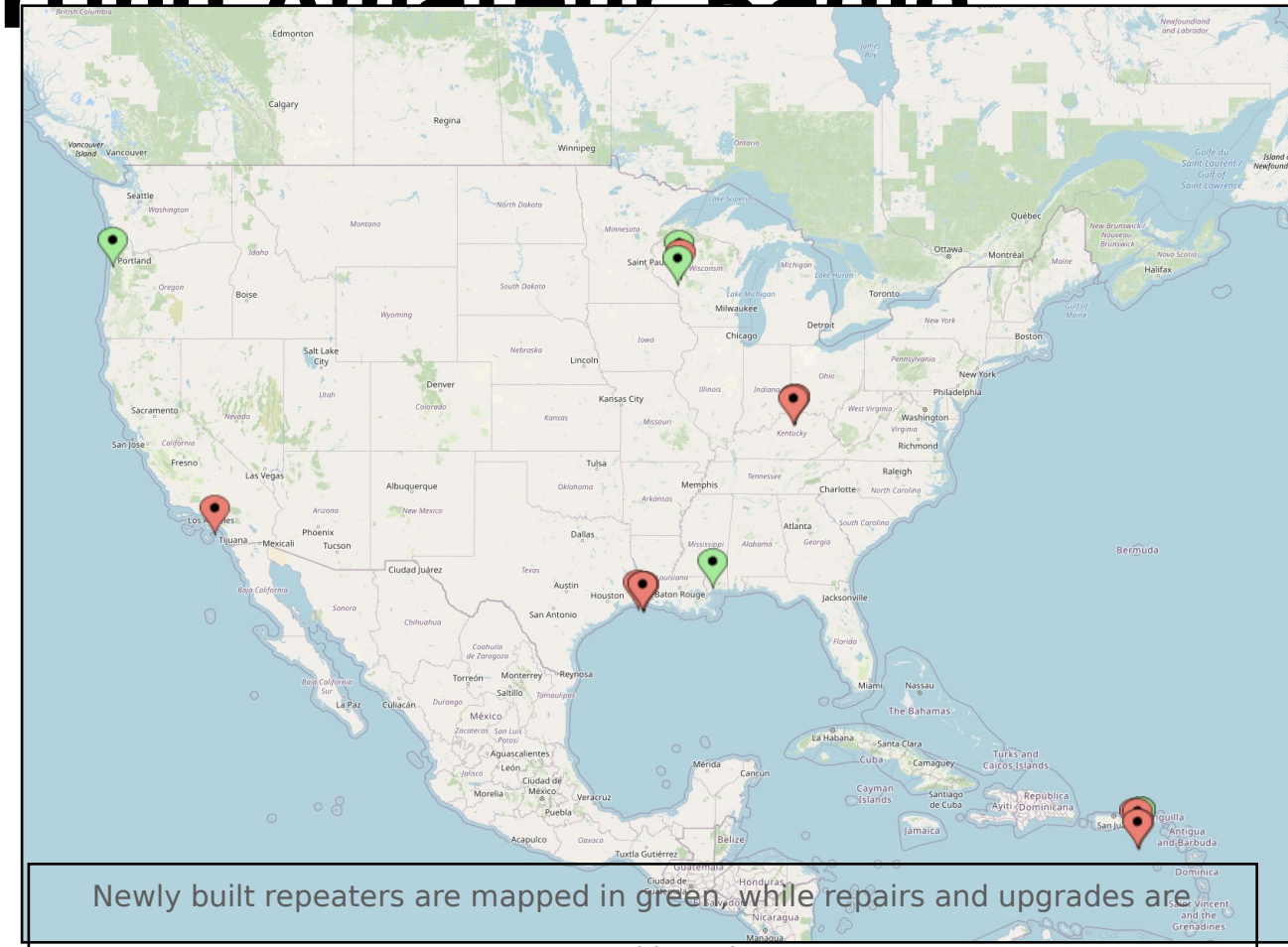


Middle School	High School	College Students	Adults / All Ages
4 grants	4 grants	3 grants	5 grants
25,196 individuals	25,149 individuals	210 individuals	572 individuals

*Number of grants includes duplicates**The 5-year ARISS STEREO Project will impact 50,000 students globally in grades 6 -12.

Supporting Amateur Radio

- Equipped 7 new Emergency Communications vehicles
- Grantees plan to gift or loan up to 520 radios to newly licensed hams
- Total number of club projects: 27
- Total number of university projects: 8
-



Newly built repeaters are mapped in green, while repairs and upgrades are mapped in red.

2021 Grant Projects

Software Freedom Conservancy - Outreachy

- 92% of the 125 participants completed their internship.
- Of Outreachy alums who were employed, 94% of them are employed in tech. 34% of alums were employed by an Outreachy sponsor.

Hoopa Valley Tribe

- Provided infrastructure to bring broadband access to 3500 Hoopa Valley Tribe residents.
- This project produced a case study on considerations and broadband strategy for other communities to learn from.

YASME - Reverse-beacon network (RBN) nodes

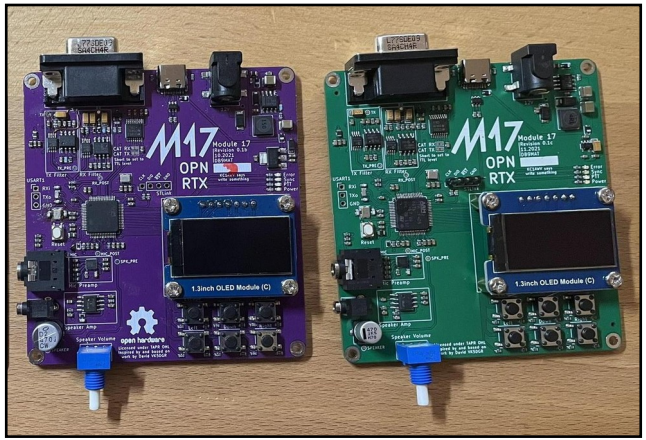
- Worked with HamSci researchers to distribute 15 reverse-beacon network (RBN) nodes to underserved areas of the world.

Olivia Lee, age 17, was the Second Place winner in the Intrepid DX essay contest winner. She received a Yaesu FT65R radio.

ARDC
AMATEUR RADIO DIGITAL COMMUNICATIONS

2021 Grants

Franky Bonte, KE8HPA, is one of ARDC's many scholarship recipients.



The M17 Project is developing a completely open source digital communications protocol.

The Julia Robinson Mathematics Festival is creating easy-to-understand and accessible educational materials with a wireless communication theme.

ARDC
AMATEUR RADIO DIGITAL COMMUNICATIONS

Applicant & Grantee Feedback

Applicants typically spend **30 hours** on an application, ranging from 5 to 96 hours

Positive Feedback	Constructive Feedback
• Ease and clarity of applications • Staff's customer service • Speed of process • "I cannot imagine how it could be improved The process was quick and totally painless. Everyone has been a pleasure to work with." • "The grantmaking process has been extremely smooth and, as a benefit, has not noticeably distracted from any work on our core mission."	• Improve clarity of grant instructions and criteria • Create downloadable pdf that lists all instructions and criteria on one long sheet • Unclear when supporting documentation is needed • Long contracting processes can cause frustration • "It took a long time to have the grant approved, but in the end it was worth it."

AMATEUR RADIO DIGITAL COMMUNICATIONS

Engaging with our communities

- Attended Huntsville Hamfest, Pacificon, GNUCon
- Appeared on podcasts and YouTube channels:
  - Linux in the Ham Shack
  - Ham Nation
  - ICQ Podcast
- Social media presence
  - Twitter
  - LinkedIn
  - Vimeo
- Published press releases that were picked up by amateur radio media, including ARRL website, *CQ*, *This Week in Amateur Radio*, and *Amateur Radio Newsline*

AMATEUR RADIO DIGITAL COMMUNICATIONS

ARDC Board & Staff Meet

L!

In early December 2021, the ARDC staff and board met IRL for the first time! Here, from left to right are:

- **Gunner**, our facilitator
- **Rosy Schechter**, *KJ7RYV* Executive Director
- **Bdale Garbee**, *KB0G*ARDC Treasurer
- **Phil Karn**, *KA9Q*ARDC President

AMATEUR RADIO DIGITAL COMMUNICATIONS

ARDC Board & Staff Meet

RL!

On Friday and Saturday, we tackled some weighty issues.

In this session, we generated a board full of ways that ARDC can make amateur radio better and stronger.

ARDC
AMATEUR RADIO DIGITAL COMMUNICATIONS

ARDC Board & Staff Meet

And, on Sunday, we unwound with a little axe-throwing!

AMATEUR RADIO DIGITAL COMMUNICATIONS

Looking Forward to 2022

Our Values

- Curiosity
- Experimentalism
- Respect
- Accountability
- Openness & Transparency
- Inclusiveness
- Fairness
- Generosity & Gratitude

ampr.org/about/values/

AMATEUR RADIO DIGITAL COMMUNICATIONS

ARDC at Hamcation, QSO Today Expo, Hamvention, and more

Hamcation, Orlando, FL, February 11 - 13.Booth 186 in the North Hall.

- QSO Today Virtual Ham Expo, March 12-13, 2022.
- Dayton Hamvention, Dayton, OH, May 20-22, 2022, Booth 1302 in Building 1.
- Ham Radio – Friedrichshafen, Germany, June 24-26, 2022

ARDC
AMATEUR RADIO DIGITAL COMMUNICATIONS

Updated Grants Process

- Four grant making cycles with applications due on:
  - February 15 (34 proposals already received)
  - May 1
  - July 15
  - October 1
- Similar applications will be grouped together for evaluation by GAC subcommittees.
- After all grant applications have been evaluated, GAC convenes to review the top selections and vote on their recommended portfolio for the board.
- Board will then approve or disapprove.
- Grants Manager will communicate the results to all applicants in that grant cycle.

AMATEUR RADIO DIGITAL COMMUNICATIONS

Key Criteria

Is the budget size appropriate?	What is the reach and impact of the project?
Is the project well designed?	What geography does it cover? International? Low income communities?
Is the project designed to be sustainable over the long term?	Fairness, Opportunity, and Equity? Youth, women, BIPOC, and International Communitees.
Does the project have community support?	Special Sparkle.

Technical Advisory Committee

- Complete analysis of current and future usage of 44-Net Address Space
- Plan new connectivity plan using VPN technology
- Provide additional analysis of highly technical grant requests.

More in 2022!

What else will ARDC be working on?

- Big-picture work – vision statement, governance, code of conduct
- Expanding grantmaking capabilities to individuals
- Focused outreach on areas of interest in grantmaking, especially internationally and to digital communications groups
- Piloting (*and hopefully launching!*) a new grant management platform
- Launch a new Portal for the 44net
-
  - Develop updated documentation
- Website re-launch
-

AMATEUR RADIO DIGITAL COMMUNICATIONS

Q+A // Ideas?

Thank you!

Reach out any time: contact@ardc.net